

Claims

- 1 1. A method of cataloging substantially all interactions with substantially all
2 versions of a document on a computer network comprising:
 - 3 determining that the document has entered the network;
 - 4 creating a history for the document, the history comprising references to each
 - 5 copy of the document on the network and each version of the document on the network;
 - 6 and
- 7 updating the history each time a copy of the document or a version of the
8 document is interacted with.
- 1 2. The method of claim 1, further comprising:
 - 2 analyzing an interaction with the document to determine if an alert should be
 - 3 generated.
- 1 3. The method of claim 1, further comprising:
 - 2 analyzing an interaction with the document to determine if an alert should be
 - 3 generated.
- 1 4. The method of claim 1, further comprising:
 - 2 disallowing an interaction with the document if the interaction is not permissible.
- 1 5. The method of claim 1, further comprising:
 - 2 determining the document is same as a preexisting document residing in the
 - 3 computer network.
- 1 6. The method of claim 4, further comprising:
 - 2 utilizing a hash function to determine if the document is the same as the
 - 3 preexisting document.
- 1 7. The method of claim 1, further comprising:
 - 2 storing the history in a database.
- 1 8. A method of tracking documents on a computer network comprising:

2 receiving an indication that either a copy of a document or a version of the
3 document has been accessed;
4 determining if a history for the document exists; and
5 updating the history assigned to the document.

1 9. The method of claim 8, further comprising:
2 analyzing an interaction with the document to determine if an alert should be
3 generated.

1 10. The method of claim 8, further comprising:
2 analyzing an interaction with the document to determine if an alert should be
3 generated.

1 11. The method of claim 8, further comprising:
2 disallowing an interaction with the document if the interaction is not permissible.

1 12. The method of claim 8, further comprising:
2 determining the document is same as a preexisting document residing in the
3 computer network.

1 13. The method of claim 11, further comprising:
2 utilizing a hash function to determine if the document is the same as the
3 preexisting document.

1 14. The method of claim 8, further comprising:
2 storing the history in a database.

1 15. A system for tracking documents on a computer network comprising:
2 a pre-processing module that receives a signal indicating that a document in the
3 computer network has been accessed by a user;
4 a processing engine that analyzes the signal to determine if the document is the
5 same as a pre-existing document having a history associated therewith; and
6 a notification engine that causes the user of the document to be notified if the
7 document being accessed has pre-defined characteristics.